COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

PIEDMONT REGIONAL OFFICE
4949A Cox Road, Glen Allen, Virginia 23060
(804) 527-5020 Fax (804) 527-5106
www.deq.virginia.gov

Molly Joseph Ward
Secretary of Natural Resources

David K. Paylor
Director

Michael P. Murphy
Regional Director

Draft XX, 2016

Mr. Chip Dollins
Vice President - Operations
Service Center Metals
5850 Quality Way
Prince George, VA 23875

Location: Prince George County
Registration No.: 52460

Dear Mr. Dollins:

Attached is a combined new source review and state operating permit to construct and operate a compact remelt plant consisting of three aluminum scrap processing lines in accordance with the provisions of the Virginia State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution. This permit supersedes your permit dated June 22, 2016.

In the course of evaluating the application and arriving at a final decision to approve the project, the Department of Environmental Quality (DEQ) deemed the application complete on September 22, 2016 and solicited written public comments by placing a newspaper advertisement in *The Progress-Index* on September 30, 2016. The required comment period provided by 9 VAC 5-80-1020A expired on October 31, 2016.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

This permit approval to construct and operate shall not relieve Service Center Metals of the responsibility to comply with all other local, state, and federal permit regulations.

The melting furnaces are subject to 40 CFR 63, Maximum Achievable Control Technology (MACT), Subpart RRR. Virginia has accepted delegation of this rule. In summary, the unit is required to comply with certain federal emission standards and operating limitations. The Department of Environmental Quality (DEQ) advises you to review the referenced MACT to ensure compliance with applicable emission and operational limitations. As the owner/operator you are also responsible for any monitoring, notification, testing, reporting and recordkeeping requirements of the MACT. Notifications shall be sent to both EPA, Region III and Virginia DEQ.

To review any federal rules referenced in the above paragraph or in the attached permit, the US Government Publishing Office maintains the text of these rules at **www.ecfr.gov**, Title 40, Part 63.

The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
P. O. Box 1105
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please contact the Piedmont Regional Office at (804) 527-5020.

Sincerely,

James E. Kyle, P.E.
Air Permit Manager

JEK/EDS/52460-02 Service Center Metals NSR & SOP Draft XX 2016.docx

Attachments: Permit
Source Testing Report Format

The following federal regulation can be found at: **www.gpo.gov/fdsys/search/showcitation.action**
40 CFR 63, Subpart RRR

Cc: Manager/Inspector, Air Compliance (electronic)
Chief, Air Enforcement Branch (3AP13), U.S. EPA, Region III (electronic)
Sandra L. Morse, Consultant, Aegis Environmental, Inc. (electronic)

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Regional Director

STATIONARY SOURCE PERMIT TO CONSTRUCT AND OPERATE
STATIONARY SOURCE PERMIT TO OPERATE

This permit supersedes your NSR permit dated June 22, 2016.

In compliance with the Federal Clean Air Act and the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution,

Service Center Metals
5850 Quality Way
Prince George, VA 23875
Registration No.: 52460

is authorized to construct and operate

A compact remelt plant consisting of
three aluminum scrap processing lines

located at

6000 Quality Way
Prince George, VA 23875

in accordance with the Conditions of this permit.

Approved on Draft XX, 2016.

_____
James E. Kyle, P.E.
Air Permit Manager, Department of Environmental Quality

Permit consists of 9 pages.
Permit Conditions 1 to 30.

INTRODUCTION

This permit approval is based on the permit application dated July 8, 2013 and April 18, 2016 with additional information dated August 23, 2013, November 6, 2013, December 9, 2013, May 23-24, 2016, and June 9, 2016. Any changes in the permit application specifications or any existing facilities which alter the impact of the facility on air quality may require a permit. Failure to obtain such a permit prior to construction may result in enforcement action. In addition, this facility may be subject to additional applicable requirements not listed in this permit.

Words or terms used in this permit shall have meanings as provided in 9 VAC 5-10-20 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution. The regulatory reference or authority for each condition is listed in parentheses ( ) after each condition.

Annual requirements to fulfill legal obligations to maintain current stationary source emissions data will necessitate a prompt response by the permittee to requests by the DEQ or the Board for information to include, as appropriate: process and production data; changes in control equipment; and operating schedules. Such requests for information from the DEQ will either be in writing or by personal contact.

The availability of information submitted to the DEQ or the Board will be governed by applicable provisions of the Freedom of Information Act, §§ 2.2-3700 through 2.2-3714 of the Code of Virginia, § 10.1-1314 (addressing information provided to the Board) of the Code of Virginia, and 9 VAC 5-170-60 of the State Air Pollution Control Board Regulations. Information provided to federal officials is subject to appropriate federal law and regulations governing confidentiality of such information.

Equipment List – Equipment at this facility consists of:

Equipment permitted prior to the date of this permit:			
Ref. No.	**Equipment Description**	**Rated Capacity**	**Delegated Federal NSPS Requirements**
HMF2	Four (4) Chambered Melting Furnace Hertwich Engineering, GmbH	20,000 lb/hr of Aluminum (Al), 23.9 MMBtu/hr (combustion)	NA
HMF3	Three (3) Chambered Melting Furnace Hertwich Engineering, GmbH	12,130 lb/hr of Aluminum (Al), 16.1 MMBtu/hr (combustion)	NA
HD2	Continuous Log Homogenization Oven Hertwich Engineering, GmbH	20,000 lb/hr of Aluminum (Al), 9.0 MMBtu/hr (combustion)	NA
HD3	Continuous Log Homogenization Oven Hertwich Engineering, GmbH	12,130 lb/hr of Aluminum (Al), 5.1 MMBtu/hr (combustion)	NA
BH2	Lime Injected Baghouse for four (4) chambered melting furnace (HMF2)	NA	NA
BH3	Lime Injected Baghouse for three (3) chambered melting furnace (HMF3)	NA	NA

Equipment installed prior to the date of this permit:			
Reference No.	**Equipment Description**	**Rated Capacity**	**Delegated Federal NSPS Requirements**
HMF1	Three (3) Chambered Melting Furnace Hertwich Engineering, GmbH	12,130 lb/hr of Aluminum (Al), 16.1 MMBtu/hr (combustion)	NA
HD1	Continuous Log Homogenization Oven Hertwich Engineering, GmbH	12,130 lb/hr of Aluminum (Al), 5.1 MMBtu/hr (combustion)	NA
BH1	Lime Injected Baghouse for three (3) chambered melting furnace (HMF1)	NA	NA

Specifications included in the above tables are for informational purposes only and do not form enforceable terms or conditions of the permit.

PROCESS REQUIREMENTS

1. **Emissions Testing** - The melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) shall be constructed so as to allow for emissions testing upon reasonable notice at any time, using appropriate methods. Sampling ports shall be provided when requested and safe sampling platforms and access shall be provided.
   (9 VAC 5-50-30 F and 9 VAC 5-80-1180)

2. **Process Control** – Particulate matter (PM, PM-10 and PM2.5) emissions and opacity from the melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) and the continuous log homogenization ovens (Ref. Nos. HD1, HD2 and HD3) shall be controlled by melting aluminum clean pressed scrap, which is defined as short logs (billet), extrusion trim scrap, briquetted and loose saw chips, customer returns, oil/lubricant-free and unpainted/uncoated scrap and market scrap, which is defined as new and post-consumer painted and unpainted aluminum extrusions (baled or shredded), painted and unpainted aluminum sheet (baled or shredded), chopped bare aluminum electrical wire, aluminum wheels, and briquetted aluminum saw chips.
   (9 VAC 5-50-30 F, 9 VAC 5-80-1180 and 9 VAC 5-50-260)

3. **Emission Controls** – Particulate matter (PM, PM-10 and PM2.5) emissions from the melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) shall be controlled by baghouses (Ref. Nos. BH1, BH2 and BH3). The baghouses shall be provided with adequate access for inspection and shall be in operation when the melting furnaces are operating.
   (9 VAC 5-80-1180 and 9 VAC 5-50-260)

4. **Emission Controls** – Hydrogen Chloride (HCl) emissions from the non-gaseous chlorine flux added to the melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) shall be controlled by a lime injection system delivered to the baghouses (Ref. Nos. BH1, BH2 and BH3). The lime injection system shall be provided with adequate access for inspection and shall be in operation when the melting furnaces are operating.
   (9 VAC 5-80-850)

5. **Emission Controls** – Nitrogen oxides (NOx) emissions from the melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) and homogenization ovens (Ref. Nos. HD1, HD2 and HD3) shall be controlled by low NOx burners. The low NO_X burners shall be installed and operated in accordance with manufacturer's specifications.
   (9 VAC 5-80-1180 and 9 VAC 5-50-260)

6. **Monitoring Devices** - The baghouses (Ref. Nos. BH1, BH2 and BH3) shall be equipped with devices to continuously measure the differential pressure drop across the fabric filter.

   Each monitoring device shall be installed, maintained, calibrated and operated in accordance with approved procedures which shall include, as a minimum, the manufacturer's written requirements or recommendations. Each monitoring device shall be provided with adequate access for inspection and shall be in operation when the baghouse is operating.
   (9 VAC 5-80-1180 D and 9 VAC 5-50-260)

7. **Monitoring Device Observation** – To ensure good performance, the baghouse monitoring device used to continuously measure differential pressure drop across the baghouse shall be observed by the permittee with a frequency of not less than once per day of operation. The permittee shall keep a log of the observations from the monitoring device.
   (9 VAC 5-80-1180 D)

8. **Monitoring** – To ensure good performance, the lime injection system delivered to the baghouses shall be observed by the permittee with a frequency of at least once per day. If lime is found not to be free-flowing during any of these observations, the owner or operator must increase the frequency of inspections to at least once every 12-hour period for the next 3 days. The owner or operator may return to daily observations if corrective action results in no further blockages of lime during the 3-day period. The permittee shall keep a log of the observations and any corrective actions.
   (9 VAC 5-80-850)

OPERATING LIMITATIONS

9. **Fuel** - The approved fuel for the melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) and the continuous log homogenization ovens (Ref. Nos. HD1, HD2 and HD3) is natural gas. A change in the fuel shall be considered a change in the method of operation of the melting furnaces and homogenization ovens and may require a new or amended permit. However, if a change in the fuel is not subject to new source review permitting requirements, this condition should not be construed to prohibit such a change.
   (9 VAC 5-80-1180 and 9 VAC 5-50-260)

10. **Flux Usage** - The approved flux for use in the process is a non-gaseous chlorine flux. A change in the flux formulation may require a permit to modify and operate.
    (9 VAC 5-80-850)

11. **Flux Throughput** - The annual throughput of flux for each of the three-chambered melting furnaces (Ref. Nos. HMF1 and HMF3) shall not exceed 45 tons per year. The annual throughput of flux for the four-chambered melting furnace (Ref. No. HMF2) shall not exceed 60 tons per year. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
    (9 VAC 5-80-850)

12. **Aluminum Throughput** - The annual throughput of aluminum for each of the three-chambered melting furnaces (Ref. Nos. HMF1 and HMF3) shall not exceed 45,000 tons per year. The annual throughput of aluminum for the four-chambered melting furnace (Ref. No. HMF2) shall not exceed 60,000 tons per year. Compliance for the consecutive 12-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
    (9 VAC 5-80-1180 and 9 VAC 5-50-260)

13. **Fuel Throughput** – The melting furnace fuel burners (Ref. Nos. HMF1, HMF2 and HMF3) and continuous log homogenization oven burners (Ref. Nos. HD1, HD2 and HD3) combined, shall consume no more than 620.1 million cubic feet of natural gas per year, calculated monthly as the sum of each consecutive 12-month period. Compliance for the consecutive 12-month period shall be

demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding 11 months.
(9 VAC 5-80-1180 and 9 VAC 5-50-260)

EMISSION LIMITS

14. **Emission Limits (Melting Furnaces)** - Emissions from the operation of each of the melting furnaces shall not exceed the limits specified below:

Three Chambered Melting Furnaces (Ref. Nos. HMF1 and HMF3)

Particulate Matter (PM)	1.3 lb/hr each	4.8 tons/yr each
PM-10	0.8 lb/hr each	2.9 tons/yr each
PM 2.5	0.7 lb/hr each	2.4 tons/yr each

Four Chambered Melting Furnace (Ref. No. HMF2)

Particulate Matter (PM)	2.1 lb/hr	6.4 tons/yr
PM-10	1.3 lb/hr	3.9 tons/yr
PM 2.5	1.1 lb/hr	3.2 tons/yr

Compliance with these emission limits may be determined as stated in Conditions 2, 3, 6, 7 and 12.
(9 VAC 5-80-1180 and 9 VAC 5-50-260)

15. **Emission Limits (Melting Furnaces)** - Emissions from the operation of each of the melting furnaces shall not exceed the limits specified below:

Three Chambered Melting Furnaces (Ref. Nos. HMF1 and HMF3)

Hydrogen Chloride (HCl)	0.2 lb/hr each	0.9 tons/yr each

Four Chambered Melting Furnace (Ref. No. HMF2)

Hydrogen Chloride (HCl)	0.4 lb/hr	1.2 tons/yr

Compliance with these emission limits may be determined as stated in Conditions 4, 8, 10 and 11.
(9 VAC 5-80-850)

16. **Emission Limits (Melting Furnace Fuel Burners and Continuous Log Homogenization Ovens Fuel Burners) -** Total emissions from the fuel burners combined, shall not exceed the limits specified below:

Particulate Matter (PM)	0.5 lb/hr	2.4 tons/yr
PM-10	0.5 lb/hr	2.4 tons/yr
PM 2.5	0.5 lb/hr	2.4 tons/yr
Nitrogen Oxides (as NO_2)	3.8 lb/hr	15.6 tons/yr
Carbon Monoxide	6.1 lb/hr	26.2 tons/yr
Volatile Organic Compounds	0.3 lb/hr	1.7 tons/yr

Compliance with these emission limits may be determined as stated in Conditions 5, 9 and 13.

(9 VAC 5-80-1180 and 9 VAC 5-50-260)

17. **Annual Emission Limits (Melting Furnaces and Continuous Log Homogenization Ovens)** - Total annual emissions from the operation of the melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) and the continuous log homogenization ovens (Ref. Nos. HD1, HD2 and HD3) shall not exceed the limits specified below:

Particulate Matter (PM)	5.3 lb/hr	18.4 tons/yr
PM-10	3.4 lb/hr	12.1 tons/yr
PM 2.5	2.9 lb/hr	10.4 tons/yr
Nitrogen Oxides (as NO_2)	3.7 lb/hr	15.6 tons/yr
Carbon Monoxide	6.2 lb/hr	26.2 tons/yr
Volatile Organic Compounds	0.4 lb/hr	1.7 tons/yr

Annual emissions shall be calculated monthly as the sum of each consecutive 12-month period. These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 2, 3, 5, 6, 9, 12, and 13.
(9 VAC 5-80-1180 and 9 VAC 5-50-260)

18. **Annual Emission Limits (Melting Furnaces)** - Total annual emissions from the operation of the melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) shall not exceed the limits specified below:

Hydrogen Chloride (HCl)	0.8 lb/hr	3.0 tons/yr

Annual emissions shall be calculated monthly as the sum of each consecutive 12-month period. These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emission limits. Compliance with these emission limits may be determined as stated in Conditions 4, 8, 10 and 11.
(9 VAC 5-80-850)

19. **Visible Emissions Limit (Melting Furnaces) –** Visible emissions from each of the melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) shall not exceed ten percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9 VAC 5-80-1180 and 9 VAC 5-50-260)

RECORDS

20. **On Site Records –** The permittee shall maintain records of emission data and operating parameters as necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the DEQ. These records shall include, but are not limited to:

    a. The monthly and annual production of aluminum (in tons) from each of the melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3). Annual production shall be calculated as the sum of each consecutive 12-month period.

    b. The monthly and annual throughput of flux (in tons) from each of melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3). Annual throughput shall be calculated as the sum of each consecutive 12-month period.

c. The monthly and annual throughput of natural gas from all melting furnaces (Ref. Nos. HMF1, HMF2 and HMF3) and continuous log homogenization ovens (Ref. Nos. HD1, HD2 and HD3) combined. Annual throughput shall be calculated as the sum of each consecutive 12-month period.

d. Scheduled and unscheduled maintenance and operator training.

e. Results of all visible emission evaluations and performance (stack) tests.

f. Material Safety Data Sheets (MSDS).

g. Records of malfunctions as indicated in Condition 26.

h. Operation and control device monitoring records for the baghouses.

i. Operation and monitoring records for the lime injection system delivered to the baghouse and any corrective actions.

These records shall be available for inspection by the DEQ and shall be current for the most recent five years.
(9 VAC 5-80-1180, 9 VAC 5-50-50, 9 VAC 5-80-900 and 9 VAC 5-80-850)

NOTIFICATIONS

21. **Initial Notifications** - The permittee shall furnish written notification to the DEQ of:

a. The actual date on which construction of the four-chambered melting furnace (Ref. No. HMF2) and the three-chambered melting furnace (Ref. No. HMF3) commenced within 30 days after such date.

b. The anticipated start-up date of the four-chambered melting furnace (Ref. No. HMF2) and the three-chambered melting furnace (Ref. No. HMF3) postmarked not more than 60 days nor less than 30 days prior to such date.

c. The actual start-up date of the four-chambered melting furnace (Ref. No. HMF2) and the three-chambered melting furnace (Ref. No. HMF3) within 15 days after such date.

(9 VAC 5-50-50 and 9 VAC 5-80-1180)

GENERAL CONDITIONS

22. **Permit Invalidation** – The portions of this permit to construct the four-chambered melting furnace (Ref. No. HMF2) and the three-chambered melting furnace (Ref. No. HMF3) shall become invalid, unless an extension is granted by the DEQ, if:

a. A program of continuous construction is not commenced within the latest of the following:

i. 18 months from the date of this permit;

ii. Nine months from the date that the last permit or other authorization was issued from any other governmental entity;

iii. Nine months from the date of the last resolution of any litigation concerning any such permits or authorization; or

b. A program of construction is discontinued for a period of 18 months or more, or is not completed within a reasonable time, except for a DEQ-approved period between phases of a phased construction project.

(9 VAC 5-80-1210)

23. **Permit Suspension/Revocation** - This permit may be suspended or revoked if the permittee:

a. Knowingly makes material misstatements in the permit application or any amendments to it;

b. Fails to comply with the conditions of this permit;

c. Fails to comply with any emission standards applicable to a permitted emissions unit;

d. Causes emissions from the stationary source which result in violations of, or interfere with the attainment and maintenance of, any ambient air quality standard; or

e. Fails to operate in conformance with any applicable control strategy, including any emission standards or emissions limitations, in the State Implementation Plan in effect at the time an application for this permit is submitted.

(9 VAC 5-80-1210 G)

24. **Right of Entry** - The permittee shall allow authorized local, state, and federal representatives, upon the presentation of credentials:

a. To enter upon the permittee's premises on which the facility is located or in which any records are required to be kept under the terms and conditions of this permit;

b. To have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit or the State Air Pollution Control Board Regulations;

c. To inspect at reasonable times any facility, equipment, or process subject to the terms and conditions of this permit or the State Air Pollution Control Board Regulations; and

d. To sample or test at reasonable times.

For purposes of this condition, the time for inspection shall be deemed reasonable during regular business hours or whenever the facility is in operation. Nothing contained herein shall make an inspection time unreasonable during an emergency.
(9 VAC 5-170-130 and 9 VAC 5-80-1180)

25. **Maintenance/Operating Procedures** – At all times, including periods of start-up, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate the affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.

The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions:

a. Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.

b. Maintain an inventory of spare parts.

c. Have available written operating procedures for equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum.

d. Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures, prior to their first operation of such equipment. The permittee shall maintain records of the training provided including the names of trainees, the date of training and the nature of the training.

Records of maintenance and training shall be maintained on site for a period of five years and shall be made available to DEQ personnel upon request.
(9 VAC 5-50-20 E and 9 VAC 5-80-1180)

26. **Record of Malfunctions** – The permittee shall maintain records of the occurrence and duration of any bypass, malfunction, shutdown or failure of the facility or its associated air pollution control equipment that results in excess emissions for more than one hour. Records shall include the date, time, duration, description (emission unit, pollutant affected, cause), corrective action, preventive measures taken and name of person generating the record.
(9 VAC 5-20-180 J and 9 VAC 5-80-1180 D)

27. **Notification for Facility or Control Equipment Malfunction** - The permittee shall furnish notification to the Piedmont Regional Office of malfunctions of the affected facility or related air pollution control equipment that may cause excess emissions for more than one hour, by facsimile transmission, telephone or telegraph. Such notification shall be made as soon as practicable but no later than four daytime business hours after the malfunction is discovered. The permittee shall provide a written statement giving all pertinent facts, including the estimated duration of the breakdown, within two weeks of discovery of the malfunction. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the permittee shall notify the Piedmont Regional Office.
(9 VAC 5-20-180 C and 9 VAC 5-80-1180)

28. **Violation of Ambient Air Quality Standard** - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.
(9 VAC 5-20-180 I and 9 VAC 5-80-1180)

29. **Change of Ownership** - In the case of a transfer of ownership of a stationary source, the new owner shall abide by any current minor NSR permit issued to the previous owner. The new owner shall notify the Piedmont Regional Office of the change of ownership within 30 days of the transfer.
(9 VAC 5-80-1240)

30. **Permit Copy** - The permittee shall keep a copy of this permit on the premises of the facility to which it applies.
(9 VAC 5-80-1180)

SOURCE TESTING REPORT FORMAT

Report Cover

1. Plant name and location
2. Units tested at source (indicate Ref. No. used by source in permit or registration)
3. Test Dates.
4. Tester; name, address and report date

Certification

1. Signed by team leader/certified observer (include certification date)
2. Signed by responsible company official
3. *Signed by reviewer

Copy of approved test protocol

Summary

1. Reason for testing
2. Test dates
3. Identification of unit tested & the maximum rated capacity
4. *For each emission unit, a table showing:
    a. Operating rate
    b. Test Methods
    c. Pollutants tested
    d. Test results for each run and the run average
    e. Pollutant standard or limit
5. Summarized process and control equipment data for each run and the average, as required by the test protocol
6. A statement that test was conducted in accordance with the test protocol or identification & discussion of deviations, including the likely impact on results
7. Any other important information

Source Operation

1. Description of process and control devices
2. Process and control equipment flow diagram
3. Sampling port location and dimensioned cross section Attached protocol includes: sketch of stack (elevation view) showing sampling port locations, upstream and downstream flow disturbances and their distances from ports; and a sketch of stack (plan view) showing sampling ports, ducts entering the stack and stack diameter or dimensions

Test Results

1. Detailed test results for each run
2. *Sample calculations
3. *Description of collected samples, to include audits when applicable

Appendix

1. *Raw production data
2. *Raw field data
3. *Laboratory reports
4. *Chain of custody records for lab samples
5. *Calibration procedures and results
6. Project participants and titles
7. Observers' names (industry and agency)
8. Related correspondence
9. Standard procedures

_____

* Not applicable to visible emission evaluations